

HALT/STOP-Button, RMQ-Titan, Mushroom-shaped, 38 mm, Illuminated with LED element, Turn-to-release function, Black, yellow, RAL 9005

**Part no. M22S-PVLT
271540**

General specifications		
Product name		Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton
Part no.		M22S-PVLT
EAN		4015082715403
Product Length/Depth		38 millimetre
Product height		70 millimetre
Product width		38 millimetre
Product weight		0.045 kilogram
Certifications		CSA-C22.2 No. 94-91 CSA File No.: 012528 CSA-C22.2 No. 14-05 UL 508 UL Category Control No.: NKCR CE IEC/EN 60947-5 CSA Class No.: 3211-03 CSA UL File No.: E29184 UL IEC/EN 60947 VDE 0660 GL LR DNV
Product Tradename		M22
Product Type		Emergency stop/emergency switching off pushbutton
Product Sub Type		None
Catalog Notes		Max. Configuration: 4 x M22-(C)K01, ...10 or 2 x M22-(C)K02, ...20, ...11 and 1 x M22-(F)LED... - When using M22-PVL... with 1 x M22-K01SMC10 (single channel), article M22-XSMC (order no.: 173030) is required. Order this item separately.
Features & Functions		
Bezel color		Other
Base color		Yellow
Bezel material		Other
Color		Black
Design		Mushroom-shaped Classical
Illumination		Illuminated with LED element
RAL-number		9005
Unlocking method		Turn-release
General information		
Degree of protection		IP67/IP69K NEMA 4X, 13
Lifespan, mechanical		100,000 Operations
Opening diameter		22.5 mm
Operating frequency		600 Operations/h
Product category		RMQ-Titan
Size		Front dimensions: 35 mm
Suitable for		Illumination
Type		Emergency stop pushbutton STOP pushbutton
Ambient conditions, mechanical		
Mounting position		As required
Shock resistance		Mechanical, According to IEC/EN 60068-2-27 50 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
Climatic environmental conditions		

Ambient operating temperature - min			-25 °C
Ambient operating temperature - max			70 °C
Climatic proofing			Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
Communication			
Connection to SmartWire-DT			With SWD-RMQ connections Yes
Actuator			
Actuating force			50 N
Actuator color			Black
Actuator diameter			38 mm
Actuator function			Switching function latching Turn-to-release
Contacts			
Force for positive opening - min			0 N
Design verification			
Equipment heat dissipation, current-dependent Pvid			0 W
Heat dissipation capacity Pdis			0 W
Heat dissipation per pole, current-dependent Pvid			0 W
Rated operational current for specified heat dissipation (In)			0 A
Static heat dissipation, non-current-dependent Pvs			0 W
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects			Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation			Please enquire
10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact			Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of assemblies			Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances			Meets the product standard's requirements.
10.5 Protection against electric shock			Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components			Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9.2 Power-frequency electric strength			Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material			Is the panel builder's responsibility.
10.10 Temperature rise			Not applicable.
10.11 Short-circuit rating			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function			The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Front element for mushroom push-button (EC001038)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for mushroom push-button actuators (ecl@ss13-27-37-12-12 [AKF030019])

Colour button			Black
Construction type lens			Round
Diameter cap		mm	38
Hole diameter		mm	22.5
Width opening		mm	0
Height opening		mm	0
Degree of protection (IP)			IP67/IP69K

Degree of protection (NEMA)			4X, 13
Type of button			High
Suitable for illumination			Yes
With lighting			No
Supply voltage lamp		V	0
Switching function latching			Yes
Spring-return			No
With front ring			No
Material front ring			Other
Colour front ring			Other
Suitable for emergency stop			No
Unlocking method			Turn-release